

Claims

1. A display device (1; 101) with a plurality of pixels (2; 102) for display of static and motion pictures, alphanumeric characters or the like, the pixels being triggerable by means of trigger electronics individually or in groups, and the display device (1; 101) having a first flat substrate (3; 103), characterized in that the first flat substrate (3; 103) on the first surface (4; 104) has adhesion closure elements (5; 105) which protrude at least in areas from the first surface (4; 104) for detachably securing the display device (1; 101) to a carrier means (7) by interaction of adhesion closure elements (5; 105) of the first flat substrate (3; 103) with the carrier means (7).
2. The display device (1; 101) as claimed in claim 1, wherein the adhesion closure elements (5; 105) of the first flat substrate (3; 103) interact mechanically with the corresponding adhesion closure elements (6) of the carrier means (7), especially wherein the adhesion closure elements (5; 105) of the first flat substrate (3; 103) and the carrier means (7) can interlock with one another.
3. The display device (1; 101) as claimed in claim 1 or 2, wherein the adhesion closure elements (5; 105) of the first flat substrate (3; 103) interact with a surface of the carrier means by chemical bonding forces, especially by van der Waals forces.
4. The display device (1; 101) as claimed in one of claims 1 to 3, wherein the adhesion closure elements (5; 105) are made in one piece from the first flat substrate (3; 103).
5. The display device (1; 101) as claimed in one of claims 1 to 4, wherein the adhesion closure elements (5; 105) are produced without molding tools.

6. The display device (1; 101) as claimed in one of claims 1 to 5, wherein the first flat substrate (3; 103) consists of a plastic, especially of a thermoplastic.
7. The display device (1; 101) as claimed in one of claims 1 to 5, wherein the first flat substrate (3; 103) consists of a duroplastic.
8. The display device (1; 101) as claimed in one of claims 1 to 7, wherein the first flat substrate (3; 103) is elastic.
9. The display device (1; 101) as claimed in one of claims 1 to 8, wherein the triggerable pixels (2; 102) and/or at least part of the trigger electronics are located on the first flat substrate (3; 103).
10. The display device (1; 101) as claimed in claim 9, wherein the triggerable pixels (2; 102) and/or at least part of the trigger electronics are located on the second surface (8) of the first flat substrate (3; 103), especially opposite the first surface (4; 104).
11. The display device (1; 101) as claimed in one of claims 1 to 10, wherein the pixels (2; 102) are formed by liquid crystals, electronic ink or electroluminescent components, especially polymer light emitting diodes.
12. The display device (1; 101) as claimed in one of claims 1 to 11, wherein the pixels (2; 102) are produced in thin-film or thick-film technology.

13. The display device (1; 101) as claimed in one of claims 1 to 12, wherein the pixels (2; 102) are produced on the second flat substrate (123) which is connected to the first flat substrate (3; 103), in particular wherein the second flat substrate (123) is laminated to the first flat substrate (3; 103).
14. The display device (1; 102) as claimed in one of claims 1 to 13, wherein the display device (1; 101) furthermore has a flat illuminant which emits light as a result of supplying energy, especially electrical energy.
15. The display device (1; 101) as claimed in claim 14, wherein the flat illuminant is applied to the first flat substrate (3; 103) in thin or thick film technology especially impressed.
16. The display device (1; 101) as claimed in claim 14 or 15, wherein the flat illuminant is located between the first flat substrate (3; 103) and the pixels (2; 102).